

Claims

[c1] WHAT I CLAIM IS:

An easy-to-manufacture, easy-to-use disposable pet diaper having a lightweight upper portion and an absorbent bottom portion, comprising:

means for securely attaching the diaper to the pet; and
layered means for absorbing generally liquid discharge of the pet, whereby the diaper closely conforms to the contours of the pet's body.

[c2] The pet diaper of claim 1, wherein the pet diaper comprises a one-piece construction.

[c3] The pet diaper of claim 1, wherein the means for attaching further comprises a left slit and a right slit on a bottom portion of the diaper.

[c4] The pet diaper of claim 1, wherein the means for attaching further comprises an elongated strip on each side of the upper portion of the diaper.

[c5] The pet diaper of claim 4, wherein the elongated strip is partially detachable from the diaper.

[c6] The pet diaper of claim 5, wherein the strips are pass-

able through corresponding slits in the bottom portion of the diaper.

[c7] The pet diaper of claim 6, wherein the strips are capable of being fastened together.

[c8] The pet diaper of claim 1, further comprising means for holding the diaper around the pet's tail.

[c9] The pet diaper of claim 1, wherein the upper portion comprises a soft layer and a plastic layer.

[c10] The pet diaper of claim 1, wherein the soft layer comprises fabric and the plastic layer comprises polyethylene.

[c11] The pet diaper of claim 1, wherein the lower portion is at least partially rigid.

[c12] The pet diaper of claim 1, wherein the lower portion comprises:

a central superabsorbent portion; and
left and right absorbent portions.

[c13] The pet diaper of claim 12, wherein the superabsorbent portion comprises:

a plastic layer,
a sodium polyacrylate layer, and
a soft layer.

- [c14] The pet diaper of claim 13, wherein the polyacrylate layer lies between an upper means for storing liquid and a lower means for storing liquid.
- [c15] The pet diaper of claim 14, wherein the upper means for storing and the lower means for storing comprise of cellulose.
- [c16] The pet diaper of claim 13, wherein the sodium polyacrylate is formed into elongated channels.
- [c17] The pet diaper of claim 14, wherein the superabsorbent portion comprises glued layers.
- [c18] The pet diaper of claim 13, wherein the left and right absorbent portions each comprise glued layers.
- [c19] The pet diaper of claim 12, wherein the absorbent portion comprises:
 - a plastic layer,
 - a means for storing liquid,
 - a soft layer.
- [c20] The pet diaper of claim 19, wherein the soft layer comprises a felt-like material.
- [c21] The pet diaper of claim 17, wherein the means for storing comprises of cellulose.

- [c22] A pattern for manufacturing a pet diaper, comprising:
a pattern shape having:
a flexible top portion, and
a partially rigid absorbent bottom portion,
wherein following the pattern creates a pet diaper of
one-piece construction.
- [c23] The pattern of claim 19, wherein the bottom portion
comprises a plurality of slits.
- [c24] The pattern of claim 20, wherein the top portion com-
prises elongated ties corresponding to the slits, whereby
the ties are placed through the slits and then tied across
the pet's back.
- [c25] The pattern of claim 19, wherein the top portion further
comprises a plurality of overlapping tail slits for holding
a tail.
- [c26] The pattern of claim 19, wherein the bottom portion is
approximately bullet-shaped.
- [c27] The pattern of claim 19, wherein the elongated ties are
detachably attached to corresponding ear-shaped por-
tions detachably attached to top portion.
- [c28] A method of making a pet diaper, comprising the steps
of:

forming a superabsorbent portion;
forming an adjacent flexible portion; and
cutting the superabsorbent portion and flexible portion
into a pet diaper of one-piece construction.

- [c29] The method of claim 28, wherein the superabsorbent portion and the adjacent flexible portion are formed simultaneously.
- [c30] The method of claim 28, wherein the superabsorbent portion comprises sodium polyacrylate surrounded by an upper layer of cellulose and a lower layer of cellulose.
- [c31] The method of claim 30, wherein the upper layer of cellulose is attached to a soft layer.
- [c32] The method of claim 30, wherein the lower layer of cellulose is attached to a plastic layer.
- [c33] The method of claim 28, further comprising the step of forming absorbent portions on sides of the superabsorbent portion.
- [c34] The method of claim 31, wherein the step of forming a superabsorbent portion comprises the step of gluing layers that comprise the superabsorbent portion.
- [c35] The method of claim 31, wherein the step of forming a absorbent portion comprises the step of gluing layers

that comprise the absorbent portion.

- [c36] The method of claim 28, wherein the step of cutting further comprises the step of forming tearable sections in the flexible portion.
- [c37] The method of claim 33, wherein the superabsorbent portion comprises left and right slits, and the tearable sections comprise elongated ties that are complementary to the slits.